

# FROM PASSION TO PERFORMANCE



## About us

### State of the art equipment for sustainable demolition and recycling.

In 2006 Demarec, a Dutch specialist for demolition recycling and scrap equipment joined the Kinshofer Group.

At Demarec, sustainability is high on the priority list. The development of a special cylinder technique, the DemaPower-System, is a unique example of this.

When developing its products, Demarec are not afraid to veer off the well-trodden path. Out of the box thinking, the use of techniques and designs never used before, make them a unique player in the market.

Demarec are renowned for heavy duty excavator attachments and have an extensive range of demolition grapples, multi-quick processors, jaw sets, pulverisers, concrete crushers, shears and rail cutters.





### **Demarec DNA:**

- **Trendsetter**

Trendsetter in product developments

- **Knowledge**

Technical and market knowledge in perfect harmony

- **New generation components**

A lead over the competition due to the use of a new generation of components

- **Superior quality**

Superior quality at market prices

- **Sustainability**

Focus on sustainability

- **Low operating costs**

Supplier of equipment with low operating costs

- **Greater longevity**

Faster, higher capacity, less maintenance, low fuel consumption, greater longevity and interchangeable components

- **KINSHOFER GROUP**

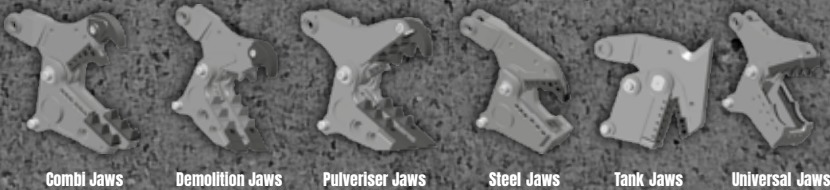
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# Multi-Quick processor



The MQP's are available with various jaws which enables them to be used for cutting and crushing concrete constructions with reinforcement steel and for cutting steel structures, scrap and tanks. The unique system enables a fast and convenient hydraulic exchange of jaws by one single person. The DemaPower cylinder design provides 20% extra performance by using four pressure chambers instead of the usual two. The MQP also comes with a two speed valve for increased cycle times.

Type	Operating weight excavator (t)
MQP-25-Y	18-25
MQP-30-Y	22-35
MQP-45-Y	32-50
MQP-60-Y	45-65



# Multi-shear



DMS-05-C



DMS-05-S



DMS-05-V

The DMS Multi-shear is the ideal flexible shear for use with midi excavators and skid-steers. The DMS is a truly multifunctional shear thanks to the mechanical change system and the wide range of available jaws. There are jaws available for cutting through reinforced concrete (DMS-05-C), scrap (DMS-05-S), and for cutting cables (DMS-05-V). The DMS-05 can be used for both primary and secondary demolition work. All jaws are fitted with replaceable wear parts where possible.

Jaws can be quickly and safely changed in just a few minutes

Type	DMS-05-C	DMS-05-S	DMS-05-V
Carrier weight (Boom)* (ton)	5 - 7	5 - 7	5 - 7
Carrier weight (Dipper)* (ton)	7 - 9	7 - 9	7 - 9



# Pulveriser



The DSP Pulverisers have been developed for secondary demolition – breaking concrete and freeing reinforced steel bars. The Extreme version of the DSP-series is equipped with the DemaPower-System. A unique cylinder technique: 20% more power and extremely fast cycle times. The upper jaw has a ground tooth plate that has one front tooth which ensure outstanding penetration into the concrete. Both teeth in the upper jaw are between the shrouds in the lower jaw, so the reinforced steel is always optimally separated from the concrete. All wear parts can be changed on site. Also available in rotating version (DSP-R).

Type (rotating version)	Operating weight excavator (t)
DSP-30-R-Extreme	20-35
Type (static version)	Operating weight excavator (t)
DSP-30	20-35
DSP-30Extreme	20-35
DSP-45	30-50
DSP-45Extreme	30-50
DSP-60	42-65
DSP-60Extreme	42-65



# Pulveriser - EcoLine

The DLP & DSP pulverisers in the new EcoLine ranges are specially designed to bring competitive rotating & static pulverisers to the market with the Demarec quality. It is a new concept with new exchangeable wear parts.



## DLP - Hydraulic rotating pulveriser.

These rotating pulverisers can be used for primary & secondary demolition

Type	Carrier weight (t)
DLP-6	3 - 8
DLP-9	7 - 10
DLP-12	9 - 15
DLP-16	12 - 18
DLP-18	15 - 22
DLP-24	22 - 32
DLP-28	26 - 40
DLP-36	26 - 40
DLP-50	32 - 65

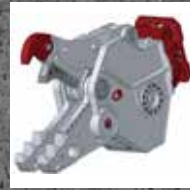
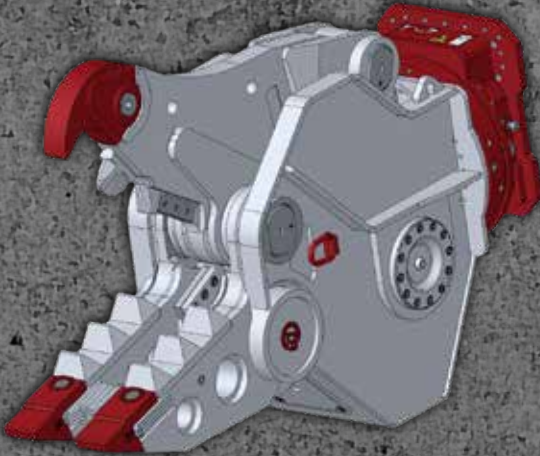
## DSP - Hydraulic static pulveriser.

These static pulverisers can be used for secondary demolition

Type	Carrier weight (t)
DSP-20	15 - 22
DSP-25	20 - 32
DSP-36	28 - 42
DSP-50	40 - 55



# Dedicated demolition line - DLC, DLD & DLP



DLC - Dedicated combi crusher



DLP - Dedicated Pulveriser



DLD - Dedicated demolition crusher

The rotating demolition tools of the new Dedicated Demolition Line (DDL) have been developed for primary and secondary demolition. Their jaws are designed for each application area within a demolition job site: Combi Crusher DLC, Demolition Crusher DLD or Pulveriser DLP.

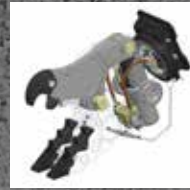
Type	Operating weight excavator (t)
DLC-25	18 - 25
DLC-30	22 - 35
DLC-45	32 - 50
DLD-25	18 - 25
DLD-30	22 - 35
DLD-45	32 - 50
DLP-25	18 - 25
DLP-30	22 - 35
DLP-45	32 - 50



# Dedicated demolition line - DRC/DRD/DRP



DRC Combi-Crusher



DRD Demolition Crusher



DRP Pulveriser

The rotating demolition tools of the new Dedicated Demolition Line (DDL) have been developed for primary and secondary demolition. Their jaws are designed to each application area within a demolition job site: Combi Crusher DRC, Demolition Crusher DRD or Pulveriser DRP. The patented DemaPower cylinder concept provides up to 20% more power and quicker cycle times.

Type	Operating weight excavator (t)
DRC-25	18 - 25
DRC-30	22 - 35
DRC-45	32 - 50
DRD-25	18 - 25
DRD-30	22 - 35
DRD-45	32 - 50
DRP-25	18 - 25
DRP-30	22 - 35
DRP-45	32 - 50
DRP-60	45 - 65



# Mobile scrap shear with DemaPower



The Demarec DXS mobile shear, equipped with DemaPower 2.0 was engineered to deliver a scrap shear with a maximum force, excellent speed and lowest weight ratio for best performance in daily use on scrap yard and demolition sites. This robust tool can be used for a wide variety of jobs including demolition, scrap processing and tyre recycling.

Type	Operating weight (boom) (t)	Operating weight (dipper) (t)
DXS-40-A	18 - 25	25 - 35
DXS-40-FQC	18 - 25	25 - 35
DXS-50-A	25 - 35	35 - 50
DXS-50-FQC	25 - 35	35 - 50
DXS-60-A	32 - 50	50 - 70
DXS-60-C	32 - 50	50 - 70
DXS-70-A	35 - 65	60 - 80
DXS-70-C	35 - 65	60 - 80
DXS-80-A	On Request	70-90
DXS-80-C	On Request	70-90
DXS-90-A	On Request	80-100
DXS-90-C	On Request	80-100



# Mobile rail cutter



The mobile Kinshofer Rail Cutter RC 30 is a special development for the controlled demolition of rail systems and for the scrap preparation of railway lines.

All current Vignol rails (flat bottom rails) with a standard quality up to 900 N/mm<sup>2</sup> and a profile size "S7" to "UIC 60" can be cut. Vignol rails in special qualities exceeding 900 N/mm<sup>2</sup> or with head hardening are excluded. The wear of the cutters highly depends on the quality of the rails. The mobile Rail Cutter RC 30 is ideal for excavators with an operating weight of 22 - 35t / 48400 - 77000 lbs.

Type	Service weight without adapter (kg)	Operating weight (t)
RC30	2650	22 - 35



# Concrete crusher

The Demarec DCC 2-cylinder concrete crushers have been developed for demolishing the thickest reinforced concrete, such as viaducts, quaysides, and heavy foundations. The DCC concrete crusher works perfectly in combination with the latest model excavators as well as specialized 'High Reach Demolition Machines'.

The shears have two pivot points, which ensures that the jaws have more torque to generate the maximum closing force. In combination with the newly developed DemaPower 2.0 cylinder and perfectly tailored jaw geometry, the DCC concrete shears produce 25% more force on average than similar shears. The DemaPower 2.0 system also ensures faster cycle times.

The hydraulic system is completely built into the frame and the cylinders are protected by very robust cylinder guards, so the hydraulics cannot be damaged during work. A perfect jaw design ensures an optimal force closing curve so that the DCC always has enough strength until the jaw is completely closed. The DCC also has an extra-wide and deep jaw mouth.



Type	Carrier weight (t)
DCC-20	14 - 20
DCC-25	18 - 25
DCC-30	20 - 35
DCC-40	25 - 45
DCC-50	35 - 55
DCC-65	50 - 70
DCC-75	60 - 80

**A version** – Standard

**C version** – with exchangeable tips, shrouds and long cutting blades

**D version** – with exchangeable wear parts and standard cutting blades



Demarec

DemaPower  
SYSTEM

# Concrete Crusher - EcoLine

The new DCC EcoLine Concrete crusher is based on the concept of 2 moveable jaws. The two pivot points ensure that the jaws have more torque to generate a high closing force. These crushers are designed for primary demolition.

## Key features & benefits:

- Double rotator motors or single piston motor ensure a high rotation force
- Optimal force closing curve
- Filters in rotator protect the rotation circuit
- High penetrating force for cutting
- Robust slew ring
- Highly durable jaws
- Optimum cylinder protection
- Speed valve



Type	Carrier weight (t)
DCC-20	14 - 20
DCC-24	18 - 25
DCC-28	20-35
DCC-36	25 - 45
DCC-48	35 - 55
DCC-60	50 - 70
DCC-70	60 - 80

**A version** – Standard

**C version** – with exchangeable tips, shrouds and long cutting blades

**D version** – with exchangeable wear parts and standard cutting blades



# Heavy duty demolition grapples



This heavy duty grapple is characterised by an extremely powerful closing strength and a robust construction of the yoke thanks to a Delta-box frame with wide pivotal points using over-dimensioned pins and bearings. The Delta-box frame in combination with a single large diameter cylinder - for powerful closing - ensures low reactive forces at the bearing points. These HD grabs are ideal for demolition and for sorting all kinds of building materials.

Type	Operating weight excavator (t)
D15H-P-75HD	10 - 18
D16H-P-90HD	12 - 20
D19H-P-85HD	12 - 24
D20H-P-100HD	13 - 25
D24H-P-100HD	15 - 30
D25H-P-100HD	18 - 28
D27H-P-100HD	20 - 30
D32H-P-110HD	20 - 40
D40H-P-125HD	30 - 50
D50H-P-140HD	35 - 60
D70H-P-150HD	50 - 80



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